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1 21. (Amended) A device for reducing power consumption in infrared-enabled appliances
2 having a power supply and transceiver system forming a circuit including a switch, comprising:

3 a discovery signal receiver and power actuator module, said module configured to
4 interpret and recognize incident Ir discovery signals and [responsively] activate said switch
5 responsive to said interpretation and recognition, where the incident discovery signals are
6 essentially IrDA compliant.

1 22. (Amended) The device of Claim 21, wherein said discovery signal receiver and power
2 actuator module further comprises:

3 an infrared receiver; and

4 discovery signal detection circuitry configured to interpret and recognize infrared
5 discovery signals incident to said receiver and responsively emit a power-up signal to said
6 switch.

1 29. (Amended) A system for reducing power consumption in infrared-enabled appliances having
2 at least one power supply and at least one transceiver system forming a circuit, comprising:

3 a low power standby module for detecting incident infrared signals and interpreting said
4 incident signals that are essentially-IrDA-compliant Ir discovery signals, said circuit being
5 responsive to said low power standby module[means].

1 34. (Amended) The system of Claim 32, wherein said power-up signal is generated by said low
2 power standby power module in response to said detection of an incident infrared signal and
3 interpretation of said signal as being an essentially-IrDA-compliant infrared discovery signal.

1 35. (Amended) A method for reducing power consumption in infrared-enabled appliances
2 having a power supply and a transceiver system forming a circuit, comprising:

3 powering down said transceiver system to a low power standby state;

4 detecting at least one incident [essentially IrDA-compliant Ir discovery signal]infrared
5 signal;

6 interpreting said at least one incident infrared signal as being an essentially IrDA-
7 compliant discovery signal and

8 powering up said transceiver system to a full power state.

1 38. (Amended) The method of Claim 36, wherein said detecting and interpreting is performed
2 by a discovery signal receiver and power actuator module.

1 39. (Amended) The method of Claim 38, wherein said detecting and interpreting is performed
2 by a discrete discovery signal receiver and power actuator module.

1 40. (Amended) The method of Claim 38, wherein said detecting and interpreting is performed
2 by a discovery signal receiver and power actuator module that is integral to said transceiver
3 system.